

Table 3. Definition for all the collected eye tracking features.

Variable name in the CSV file	Definition of the variable	Measurement Unit / Values
Study name	The name of the study during which the eye movement line was taken	Name
Respondent Name	The given name of the participant in the study	Anonymized for confidentiality purposes.
Gender	Gender of the participant	Male/Female
Age	Age of the participant	Integer age number
Group	The expertise category to which the participant belongs to,	Consultant/ Fellow/ Technician/ Nurse/ Medical student.
Type	Type of the stimulus	Electrocardiogram image.
Label	Area of interest assigned name where the participant is looking	ECG lead name followed by the area name: For example: Area 14 Lead
Start (ms)	The start time in milliseconds when the ECG was displayed to the participant	milliseconds
Duration (ms)	The duration for which the ECG remained displayed to the participant	In our case it is a fixed duration or around 30000 milliseconds
ParentStimulus	Name of the ECG currently displayed to the participant	The definition of the 10 ECGs displayed to the interpreters are defined in table 2.
Parent Stimulus_Start (ms)	The start time for which the ECG got displayed to the participant, as the ECGs were displayed in random orders to different participants.	milliseconds
Parent Stimulus_Duration (ms)	The duration for which the ECG remained displayed to the participant	In our case it is a fixed duration or around 30000 milliseconds
Hit time-G (ms)	The time, over the 30 seconds timeline when the eye the participant first looked at the AOI for the line in the dataset in question	milliseconds
Time spent-G (ms)	quantifies the amount of time that respondents have spent gazing at a particular AOI.	milliseconds
Time spent-G (%)	The percentage of time when the participant spent gazing at the AOI in question	Percentage.
Respondent ratio-G	Whether the participant looked at the AOI in question or not	0 refers to no eye gaze 1 refers to a confirmed eye gaze.
Revisit-G (Revisitors)	Whether there exists participants that re-visited (revisitors) the AOI in question	0 refers to no existing revisitors 1 refers to existing revisitors

Revisit-G (Visitors)	Whether the participant re-visited the AOI in question	0 refers to an existing re-visit. 1 refers to existing revisitors
Revisit-G (Revisits)	The number of revisits that the participant revisited the AOI in question.	A count of the re-visits.
TTF-F (ms)	Time to the first fixation: the calculated time in milliseconds that it took the participant to first fixate on the AOI in question.	Milliseconds.
Time spent-F (ms)	The total time spent fixating by the participant at the AOI in question.	milliseconds
Time spent-F (%)	The percentage in terms of time that the participant spent fixating at the AOI in question.	Percentage.
Revisit-F (Revisitors)	Whether there exists participants that re-fixated (revisitors) the AOI in question	0 refers to no eye fixation 1 refers to a confirmed eye fixation.
Revisit-F (Visitors)	Whether the participant re-fixated the AOI in question	0 refers to no existing fixation 1 refers to existing fixation
Revisit-F (Revisits)	The number of revisits that the participant refixated the AOI in question.	0 refers to an existing re-visit. 1 refers to existing revisitors
Fixations Count	The total count of the number of fixations across the AOI in question.	count
First Fixation Duration (ms)	The duration in milliseconds for the first fixation of the participant at the AOI in question.	milliseconds
Average Fixations Duration (ms)	The average fixations duration in milliseconds for the total fixations of the participant at the AOI in question.	milliseconds
Mouse Clicks	The number of mouse clicks by the participant in the AOI in question	count